OIPE IAP25
DEC 21 2005
PATENT & TRADEMARK OFFICE

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/602,800
Source: IFW16
Date Processed by STIC: 10/13/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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Revised 01/24/05

OIPE IAP25 DEC 21 2005 PATENT & TRADEMARK OFFICE

IFW16

RAW SEQUENCE LISTING DATE: 10/13/2005
PATENT APPLICATION: US/09/602,800 TIME: 10:53:26

Input Set : A:\P1760R1.txt
Output Set: N:\CRF4\10132005\I602800.raw

3 <110> APPLICANT: Agus, David B
4 Scher, Howard I
5 Sliwkowski, Mark X.
7 <120> TITLE OF INVENTION: TREATING PROSTATE CANCER WITH ANTI-ErbB2 ANTIBODIES
9 <130> FILE REFERENCE: P1760R1Rev
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/602,800
11 <141> CURRENT FILING DATE: 2000-06-23
13 <150> PRIOR APPLICATION NUMBER: US 60/141,315
14 <151> PRIOR FILING DATE: 1999-06-25
16 <160> NUMBER OF SEQ ID NOS: 22
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 107
20 <212> TYPE: PRT
21 <213> ORGANISM: Mus musculus
23 <400> SEQUENCE: 1

24	Asp	Thr	Val	Met	Thr	Gln	Ser	His	Lys	Ile	Met	Ser	Thr	Ser	Val
25	1				5				10						15
27	Gly	Asp	Arg	Val	Ser	Ile	Thr	Cys	Lys	Ala	Ser	Gln	Asp	Val	Ser
28					20				25						30
30	Ile	Gly	Val	Ala	Trp	Tyr	Gln	Gln	Arg	Pro	Gly	Gln	Ser	Pro	Lys
31					35				40						45
33	Leu	Leu	Ile	Tyr	Ser	Ala	Ser	Tyr	Arg	Tyr	Thr	Gly	Val	Pro	Asp
34					50				55						60
36	Arg	Phe	Thr	Gly	Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr	Phe	Thr	Ile
37					65				70						75
39	Ser	Ser	Val	Gln	Ala	Glu	Asp	Leu	Ala	Val	Tyr	Tyr	Cys	Gln	Gln
40					80				85						90
42	Tyr	Tyr	Ile	Tyr	Pro	Tyr	Thr	Phe	Gly	Gly	Gly	Thr	Lys	Leu	Glu
43					95				100						105
45	Ile	Lys													

48 <210> SEQ ID NO: 2
49 <211> LENGTH: 119
50 <212> TYPE: PRT
51 <213> ORGANISM: Mus musculus
53 <400> SEQUENCE: 2

54	Glu	Val	Gln	Leu	Gln	Gln	Ser	Gly	Pro	Glu	Leu	Val	Lys	Pro	Gly
55	1				5				10						15
57	Thr	Ser	Val	Lys	Ile	Ser	Cys	Lys	Ala	Ser	Gly	Phe	Thr	Phe	Thr
58					20				25						30
60	Asp	Tyr	Thr	Met	Asp	Trp	Val	Lys	Gln	Ser	His	Gly	Lys	Ser	Leu
61					35				40						45
63	Glu	Trp	Ile	Gly	Asp	Val	Asn	Pro	Asn	Ser	Gly	Gly	Ser	Ile	Tyr
64					50				55						60

Does Not Comply
Corrected Diskette Needed

pr 2-3,6

RAW SEQUENCE LISTING DATE: 10/13/2005
PATENT APPLICATION: US/09/602,800 TIME: 10:53:26

Input Set : A:\P1760R1.txt
Output Set: N:\CRF4\10132005\I602800.raw

```
     66  Asn Gln Arg Phe Lys Gly Lys Ala Ser Leu Thr Val Asp Arg Ser
     67                  65                  70                  75
     69  Ser Arg Ile Val Tyr Met Glu Leu Arg Ser Leu Thr Phe Glu Asp
     70                  80                  85                  90
     72  Thr Ala Val Tyr Tyr Cys Ala Arg Asn Leu Gly Pro Ser Phe Tyr
     73                  95                 100                 105
     75  Phe Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser
     76                 110                 115
     78 <210> SEQ ID NO: 3
     79 <211> LENGTH: 107
     80 <212> TYPE: PRT
     81 <213> ORGANISM: artificial
W--> 83 <220> FEATURE:
W--> 83 <223> OTHER INFORMATION:
W--> 83 <400> 3
     84  Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val
     85    1                 5                  10                  15
     87  Gly Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Gln Asp Val Ser
     88                  20                  25                  30
     90  Ile Gly Val Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys
     91                  35                  40                  45
     93  Leu Leu Ile Tyr Ser Ala Ser Tyr Arg Tyr Thr Gly Val Pro Ser
     94                  50                  55                  60
     96  Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
     97                  65                  70                  75
     99  Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln
    100                  80                  85                  90
    102  Tyr Tyr Ile Tyr Pro Tyr Thr Phe Gly Gln Gly Thr Lys Val Glu
    103                  95                 100                 105
    105  Ile Lys
    108 <210> SEQ ID NO: 4
    109 <211> LENGTH: 119
    110 <212> TYPE: PRT
    111 <213> ORGANISM: artificial
    113 <220> FEATURE:
W--> 114 <221> NAME/KEY: artificial
    115 <222> LOCATION: 1-119
    116 <223> OTHER INFORMATION: Fab 574 VH
    118 <400> SEQUENCE: 4
    119  Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
    120    1               5                  10                  15
    122  Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Thr
    123                  20                  25                  30
    125  Asp Tyr Thr Met Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
    126                  35                  40                  45
    128  Glu Trp Val Ala Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr
    129                  50                  55                  60
    131  Asn Gln Arg Phe Lys Gly Arg Phe Thr Leu Ser Val Asp Arg Ser
    132                  65                  70                  75
```

Artificial Sequence

Artificial Sequence

see p. 6 for error explanation

RAW SEQUENCE LISTING DATE: 10/13/2005
PATENT APPLICATION: US/09/602,800 TIME: 10:53:26

Input Set : A:\P1760R1.txt
Output Set: N:\CRF4\10132005\I602800.raw

```
     134  Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
     135                  80                  85                  90
     137  Thr Ala Val Tyr Tyr Cys Ala Arg Asn Leu Gly Pro Ser Phe Tyr
     138                  95                 100                 105
     140  Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
     141                 110                 115
     143 <210> SEQ ID NO: 5
     144 <211> LENGTH: 107
     145 <212> TYPE: PRT
     146 <213> ORGANISM: artificial
W--> 147 <220> FEATURE:
W--> 148 <223> OTHER INFORMATION:
W--> 149 <400> 5
     150  Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val
     151    1               5                  10                  15
     153  Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser
     154                  20                  25                  30
     156  Asn Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys
     157                  35                  40                  45
     159  Leu Leu Ile Tyr Ala Ala Ser Ser Leu Glu Ser Gly Val Pro Ser
     160                  50                  55                  60
     162  Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
     163                  65                  70                  75
     165  Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln
     166                  80                  85                  90
     168  Tyr Asn Ser Leu Pro Trp Thr Phe Gly Gln Gly Thr Lys Val Glu
     169                  95                 100                 105
     171  Ile Lys
     174 <210> SEQ ID NO: 6
     175 <211> LENGTH: 119
     176 <212> TYPE: PRT
     177 <213> ORGANISM: artificial
W--> 178 <220> FEATURE:
W--> 179 <223> OTHER INFORMATION:
W--> 180 <400> 6
     181  Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
     182    1               5                  10                  15
     184  Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser
     185                  20                  25                  30
     187  Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
     188                  35                  40                  45
     190  Glu Trp Val Ala Val Ile Ser Gly Asp Gly Gly Ser Thr Tyr Tyr
     191                  50                  55                  60
     193  Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser
     194                  65                  70                  75
     196  Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
     197                  80                  85                  90
     199  Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Val Gly Tyr Ser Leu
     200                  95                 100                 105
```

This error occurs in subsequent sequences See p. 6

RAW SEQUENCE LISTING DATE: 10/13/2005
PATENT APPLICATION: US/09/602,800 TIME: 10:53:26

Input Set : A:\P1760R1.txt
Output Set: N:\CRF4\10132005\I602800.raw

```
200  Tyr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
201                  110                 115
203 <210> SEQ ID NO: 7
204 <211> LENGTH: 10
205 <212> TYPE: PRT
206 <213> ORGANISM: Mus musculus
208 <220> FEATURE:
209 <221> NAME/KEY: unsure
210 <222> LOCATION: 10
211 <223> OTHER INFORMATION: unknown amino acid
213 <400> SEQUENCE: 7
W--> 214  Gly Phe Thr Phe Thr Asp Tyr Thr Met Xaa
215    1               5                  10
217 <210> SEQ ID NO: 8
218 <211> LENGTH: 17
219 <212> TYPE: PRT
220 <213> ORGANISM: Mus musculus
222 <400> SEQUENCE: 8
223  Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr Asn Gln Arg Phe
224    1               5                  10                  15
226  Lys Gly
229 <210> SEQ ID NO: 9
230 <211> LENGTH: 10
231 <212> TYPE: PRT
232 <213> ORGANISM: Mus musculus
234 <400> SEQUENCE: 9
235  Asn Leu Gly Pro Ser Phe Tyr Phe Asp Tyr
236    1               5                  10
238 <210> SEQ ID NO: 10
239 <211> LENGTH: 11
240 <212> TYPE: PRT
241 <213> ORGANISM: Mus musculus
243 <400> SEQUENCE: 10
244  Lys Ala Ser Gln Asp Val Ser Ile Gly Val Ala
245    1               5                  10
247 <210> SEQ ID NO: 11
248 <211> LENGTH: 7
249 <212> TYPE: PRT
250 <213> ORGANISM: Mus musculus
252 <220> FEATURE:
253 <221> NAME/KEY: unsure
254 <222> LOCATION: 5-7
255 <223> OTHER INFORMATION: unknown amino acid
257 <400> SEQUENCE: 11
W--> 258  Ser Ala Ser Tyr Xaa Xaa Xaa
259    1               5
261 <210> SEQ ID NO: 12
262 <211> LENGTH: 9
263 <212> TYPE: PRT
```

RAW SEQUENCE LISTING DATE: 10/13/2005
PATENT APPLICATION: US/09/602,800 TIME: 10:53:26

Input Set : A:\P1760R1.txt
Output Set: N:\CRF4\10132005\I602800.raw

264 <213> ORGANISM: Mus musculus
266 <400> SEQUENCE: 12
267 Gln Gln Tyr Tyr Ile Tyr Pro Tyr Thr
268 1 5
270 <210> SEQ ID NO: 13
271 <211> LENGTH: 645
272 <212> TYPE: PRT
273 <213> ORGANISM: human
275 <400> SEQUENCE: 13
276 Met Glu Leu Ala Ala Leu Cys Arg Trp Gly Leu Leu Leu Ala Leu
277 1 5 10 15
279 Leu Pro Pro Gly Ala Ala Ser Thr Gln Val Cys Thr Gly Thr Asp
280 20 25 30
282 Met Lys Leu Arg Leu Pro Ala Ser Pro Glu Thr His Leu Asp Met
283 35 40 45
285 Leu Arg His Leu Tyr Gln Gly Cys Gln Val Val Gln Gly Asn Leu
286 50 55 60
288 Glu Leu Thr Tyr Leu Pro Thr Asn Ala Ser Leu Ser Phe Leu Gln
289 65 70 75
291 Asp Ile Gln Glu Val Gln Gly Tyr Val Leu Ile Ala His Asn Gln
292 80 85 90
294 Val Arg Gln Val Pro Leu Gln Arg Leu Arg Ile Val Arg Gly Thr
295 95 100 105
297 Gln Leu Phe Glu Asp Asn Tyr Ala Leu Ala Val Leu Asp Asn Gly
298 110 115 120
300 Asp Pro Leu Asn Asn Thr Thr Pro Val Thr Gly Ala Ser Pro Gly
301 125 130 135
303 Gly Leu Arg Glu Leu Gln Leu Arg Ser Leu Thr Glu Ile Leu Lys
304 140 145 150
306 Gly Gly Val Leu Ile Gln Arg Asn Pro Gln Leu Cys Tyr Gln Asp
307 155 160 165
309 Thr Ile Leu Trp Lys Asp Ile Phe His Lys Asn Asn Gln Leu Ala
310 170 175 180
312 Leu Thr Leu Ile Asp Thr Asn Arg Ser Arg Ala Cys His Pro Cys
313 185 190 195
315 Ser Pro Met Cys Lys Gly Ser Arg Cys Trp Gly Glu Ser Ser Glu
316 200 205 210
318 Asp Cys Gln Ser Leu Thr Arg Thr Val Cys Ala Gly Gly Cys Ala
319 215 220 225
321 Arg Cys Lys Gly Pro Leu Pro Thr Asp Cys Cys His Glu Gln Cys
322 230 235 240
324 Ala Ala Gly Cys Thr Gly Pro Lys His Ser Asp Cys Leu Ala Cys
325 245 250 255
327 Leu His Phe Asn His Ser Gly Ile Cys Glu Leu His Cys Pro Ala
328 260 265 270
330 Leu Val Thr Tyr Asn Thr Asp Thr Phe Glu Ser Met Pro Asn Pro
331 275 280 285
333 Glu Gly Arg Tyr Thr Phe Gly Ala Ser Cys Val Thr Ala Cys Pro
334 290 295 300

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/13/2005
PATENT APPLICATION: US/09/602,800 TIME: 10:53:27

Input Set : A:\P1760R1.txt
Output Set: N:\CRF4\10132005\I602800.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:7; Xaa Pos. 10
Seq#:11; Xaa Pos. 5,6,7

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,14,15,16,17,18,19,20,21,22

Use of <220> Feature(NEW RULES): error explanation
Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or"Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32) (Sec.1.823 of new Rules)

Seq#:3,5,6,14,15,16,17,18,19,20,21,22

VERIFICATION SUMMARY DATE: 10/13/2005
PATENT APPLICATION: US/09/602,800 TIME: 10:53:27

Input Set : A:\P1760R1.txt
Output Set: N:\CRF4\10132005\I602800.raw

L:11 M:270 C: Current Application Number differs, Missing <140> CURRENT APPLICATION NUMBER: is Added.
L:83 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213> ORGANISM:artificial
L:83 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213> ORGANISM:artificial
L:83 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:83
L:114 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:148 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:5, <213> ORGANISM:artificial
L:148 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:5, <213> ORGANISM:artificial
L:148 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:148
L:178 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213> ORGANISM:artificial
L:178 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213> ORGANISM:artificial
L:178 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:178
L:214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:410 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:14, <213> ORGANISM:artificial
L:410 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:14, <213> ORGANISM:artificial
L:410 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:14,Line#:410
L:418 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:15, <213> ORGANISM:artificial
L:418 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:15, <213> ORGANISM:artificial
L:418 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:15,Line#:418
L:426 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:16, <213> ORGANISM:artificial
L:426 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:16, <213> ORGANISM:artificial
L:426 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:16,Line#:426
L:434 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:17, <213> ORGANISM:artificial
L:434 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:17, <213> ORGANISM:artificial
L:434 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:17,Line#:434
L:442 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:18, <213> ORGANISM:artificial
L:442 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:18, <213> ORGANISM:artificial
L:442 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:18,Line#:442
L:450 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:19, <213> ORGANISM:artificial
L:450 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:19, <213> ORGANISM:artificial
L:450 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:19,Line#:450
L:458 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:20, <213> ORGANISM:artificial
L:458 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:20, <213>

```
ORGANISM:artificial
L:458 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:20,Line#:458
L:466 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:21, <213>
ORGANISM:artificial
L:466 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:21, <213>
ORGANISM:artificial
L:466 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:21,Line#:466
L:474 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:22, <213>
ORGANISM:artificial
L:474 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:22, <213>
ORGANISM:artificial
L:474 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:22,Line#:474
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PAGE 10/10 * RCVD AT 12/21/2005 7:52:23 AM [Pacific Standard Time] * SVR:SVCS01/0 * DNIS:6657 * CSID: * DURATION (mm-ss):03-24